

ABSTRACT

**Please insert the following Abstract after the claims:**

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There are provided herein a superconductive composite tape and a method of fabrication thereof: a tape having a layer made of superconductive material positioned on a substrate is etched, for example by using laser equipment, in order to obtain a plurality of grooves through the superconductive material layer and delimit a plurality of superconductive filaments, which are substantially parallel to one another and to a longitudinal axis of the tape and are spaced out from one another.